

FLARED CORONARY ARTERY BYPASS GRAFTS

ABSTRACT OF THE DISCLOSURE

5 A bypass graft includes a tubular portion having an internal tubular diameter and a first end and a second end. The tubular portion has a central axis. A flared portion has an adjoining end, wherein the adjoining end of the flared portion is integrally formed on and is substantially concentric with the second end of the tubular portion, and a flared end, wherein the flared end has a flared end internal diameter, such that the internal flared end diameter is greater than the internal tubular diameter. The flared portion includes a circumferential skirt for surgical attachment of the graft to a patient's blood vessel. A method for manufacturing a bypass graft,
10 includes the steps of providing a mandrel having a tubular portion and a flared end with a flared end central axis; forming a layer of polyurethane over the mandrel; drying the layer of polyurethane on the mandrel; forming a skirt edge around the flared end of the mandrel to form an opening at a predetermined angle to the flared end central axis; forming a second edge around the tubular portion of the mandrel, and removing the graft from the mandrel.

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